

California Energy Commission PIER Environmentally Preferred Advanced Generation Program Solicitation PON-08-001 RD&D Committee Funding Recommendations



Research Powers the Futu	rre"	E Gommittee Famaning IX					
Proposal Number	Applicant	Project Title	PIER Funds Requested	PIER Funds Recommended	Cost Share	Score	Rank
3	Tecogen, Inc.	New Engine Technology for California's Combined Heat and Power Market	\$999,824.00	\$999,824.00	\$518,712.00	123.0	1
4	Sturman Industries	Improving Efficiency of Spark Ignited, Stoichiometrically Operated Natural Gas Engines	\$997,696.00	\$997,696.00	\$230,401.00	120.0	2
9	UC Irvine	Application of Rotary Engines for Low Cost, Fuel Flexible DER/CHP	\$776,660.00	0	\$1,000,000.00	118.0	3
8	Colorado State University	Lean, SuperTurbocharged, Variable Cylinder, Mobile Derivative Reciprocating Engine for	\$843,191.00	0	\$175,300.00	112.0	4
7	Makel Engineering Inc./Darby B. Makel	Cylinder Drop-Out Power Generation System for Distributed Generation	\$601,697.00	0	\$336,359.00	109.0	5
10	Gas Technology Institute (GTI)	Diesel Engine-Generator System Converted to Di- Methyl Ether	\$999,964.00	0	\$317,985.00	98.0	Did not pas
12	Advanced Engine Technologies Corporation	Supervisroy System to Maintain Emissions Compliance for Stationary NSCR Engines	\$897,572.00	0	\$898,737.00	96.0	Did not pas
13	GSE Inc.	Effiicient and Affordable Semi-Free Piston Cogen System	\$487,301.00	0	\$0.00	96.0	Did not pas
11	Hei He	Adaptation of Dynamic Cylinder Deactivation for Distributed Power Generation Applications	\$350,000.00	0	\$0.00	90.0	Did not pas
14	Omnitek Corp	Demonstration of a High Efficiency and Near-Zero Emissions Engine for Cogeneration	\$472,795.00	0	\$488,352.00	90.0	Did not pa
1	Rypos, Inc.	Development of Active Diesel Particulate Filter with NOx Catalysts	\$351,380.00	0	\$154,665.00	57.0	Did not pas
2	North River Energy	Zero Emissions Hydrogen/Oxygen Internal Combustion Power Generation System	\$666,691.00	0	\$698,817.00	55.0	Did not pas
	Total Funding I	Recommended	\$8,444,771.00	\$1,997,520.00	\$4,819,328.00		

Summary of Proposed Awards

Proposal Number	Applicant	Project Title	PIER Funds Requested	PIER Funds Recommended	Cost Share	Score	Rank
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4	Sturman Industries	Improving Efficiency of Spark Ignited, Stoichiometrically Operated Natural Gas Engines	\$997,696.00	\$997,696.00	\$230,401.00	120.0	2

TOTAL FUNDING RECOMMENDED	\$1,997,520.00	\$1,997,520.00	\$749,113.00		
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